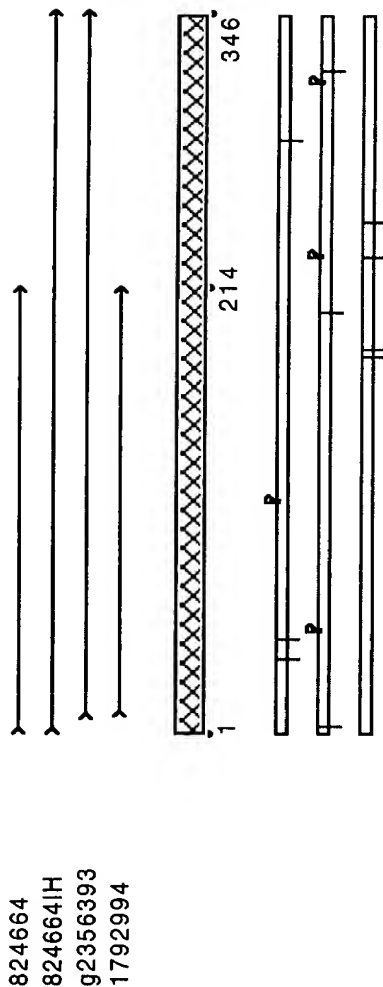# Figure 1

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>824664IH    CTAAGGCGTG CAAACAGAGC GCCACTGGGA GGCTGAAACC TTTAGGCCGA
>g2356393           GAC CAAACAGAGC GCCACTGGGA GGCTGAAACC TTTAGGCCGA
>1792994              G CAAACAGAGC GCCACTGGGA GGCTGAAACC TTTAGGCCGA
Consensus    CTAAGGCGTG CAAACAGAGC GCCACTGGGA GGCTGAAACC TTTAGGCCGA

>824664      TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG
>824664IH    TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG
>g2356393    TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG
>1792994     TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG
Consensus    TGCYTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG

>824664      AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT
>824664IH    AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT
>g2356393    AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT
>1792994     AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT
Consensus    AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT

>824664      CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT
>824664IH    CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT
>g2356393    CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT
>1792994     CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT
Consensus    CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT

>824664      GAAACATCTA CTGG
>824664IH    GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG
>g2356393    GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG
>1792994     GAAACATCTA CTGG
Consensus    GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG

>824664IH    GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG
>g2356393    GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG
Consensus    GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG

>824664IH    ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA
>g2356393    ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA
Consensus    ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA
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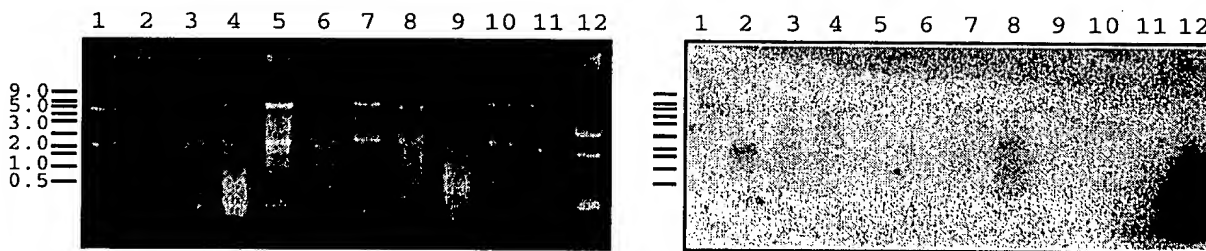
Figure 2

824664
824664IH
g2356393
1792994

Figure 3

Lane	Tissue	Lane	Tissue
1	Bladder	7	Ovary
2	Breast	8	Prostate
3	Colon	9	Spleen
4	Kidney	10	Testis
5	Liver	11	Uterus
6	Lung	12	PS128 RNA

Figure 4A
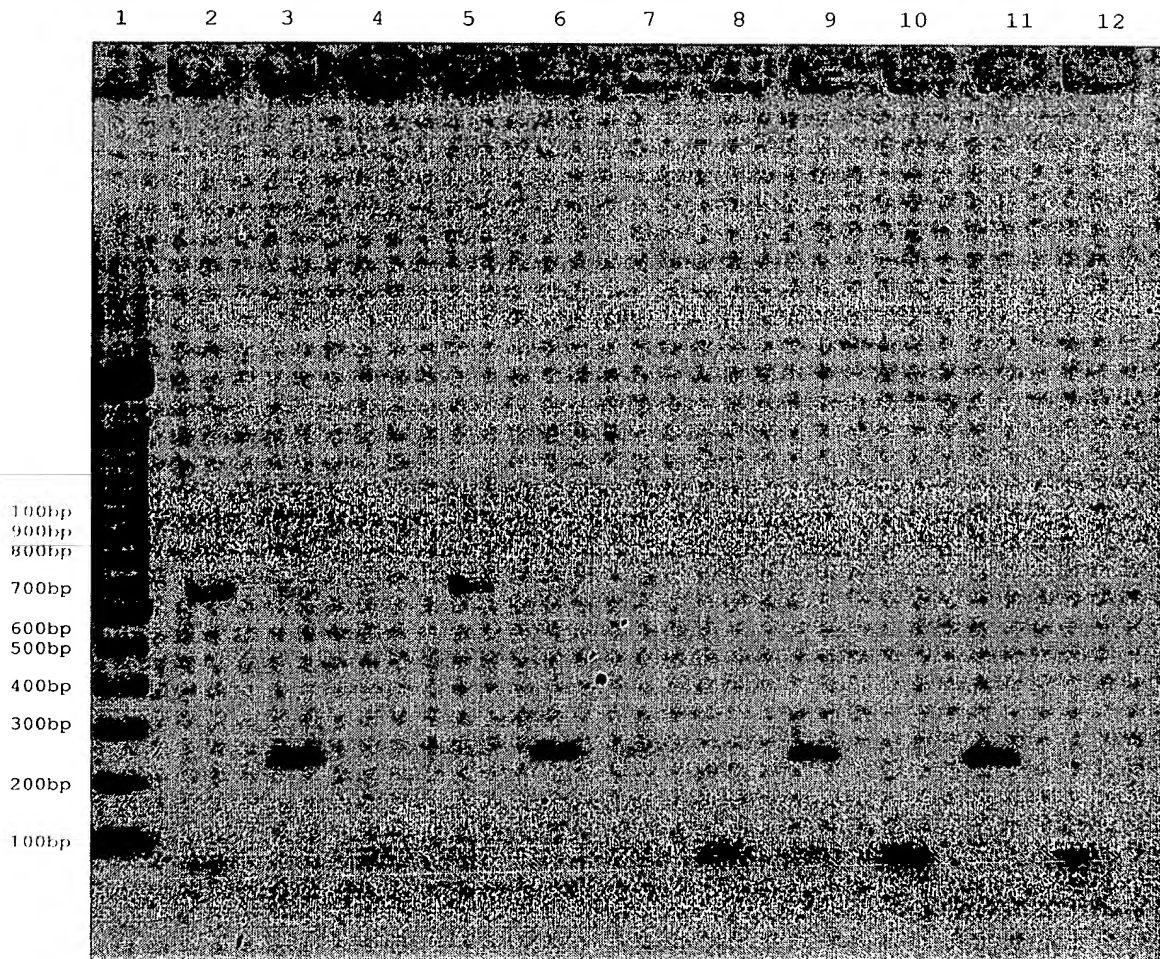
Lane	Tissue	Lane	Tissue
1	100bp DNA Marker	7	Prostate Normal
2	Placental DNA	8	Prostate Normal
3	LNCap RNA	9	Prostate Cancer
4	Prostate Normal	10	Prostate Normal
5	Prostate Normal	11	Prostate Cancer
6	Prostate Cancer	12	Prostate Normal

Figure 4B

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

600 bp
400 bp
300 bp

100 bp
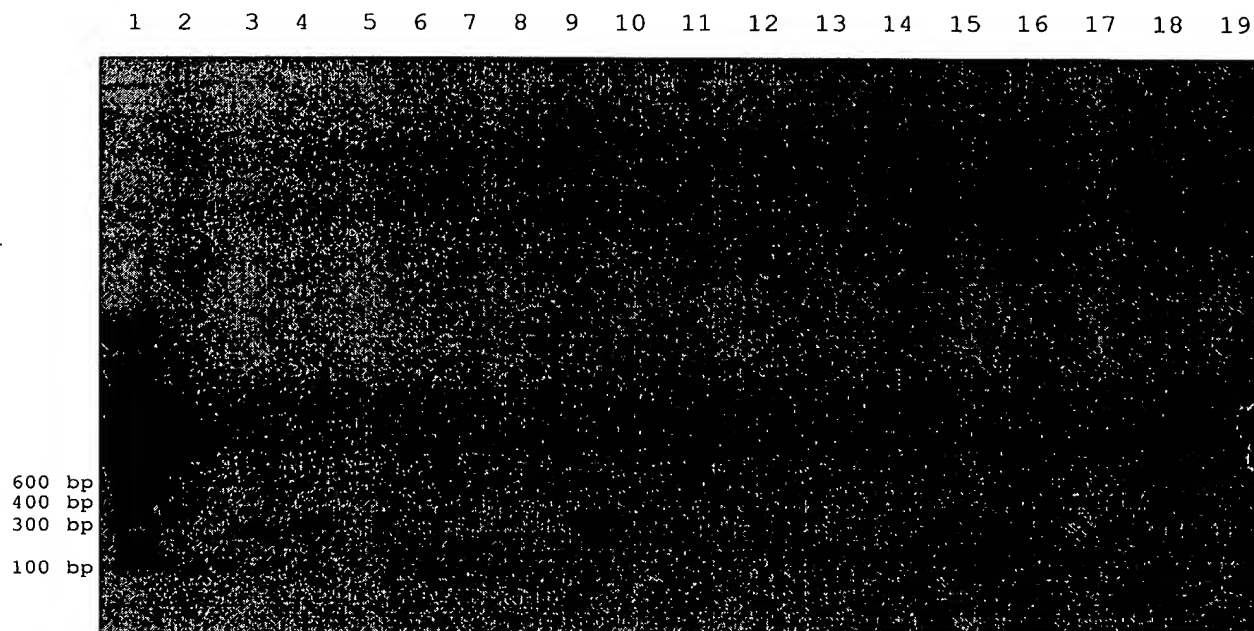
Lane:	Tissue	Lane:	Tissue
1	100bp DNA Marker	11	Lung Normal
2	Placental DNA	12	Lung Cancer
3	Prostate BPH	13	Lung Normal
4	Prostate cancer	14	Lung Cancer
5	Colon normal	15	Breast Normal
6	Colon Cancer	16	Breast Normal
7	Colon Cancer	17	Breast Cancer
8	Colon Normal	18	Breast Cancer
9	Colon Cancer	19	Breast Cancer
10	Lung Normal		